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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/678,413A

DATE: 07/23/2004

TIME: 12:41:21

Input Set : A:\Seqlist.txt

Output Set: N:\CRF4\07232004\J678413A.raw

4 <110> APPLICANT: Theratechnologies  
 6 <120> TITLE OF INVENTION: Uses of Synthetic Peptides For  
 7 Modulating G-Protein Coupled Receptors  
 11 <130> FILE REFERENCE: 1096-105US2CIP  
 13 <140> CURRENT APPLICATION NUMBER: US 10/678,413A  
 C--> 14 <141> **CURRENT FILING DATE: 2003-10-02**  
 16 <150> PRIOR APPLICATION NUMBER: US 09/154,627  
 17 <151> PRIOR FILING DATE: 1998-09-17  
 19 <160> NUMBER OF SEQ ID NOS: 163  
 21 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 8  
 25 <212> TYPE: PRT  
 26 <213> ORGANISM: Artificial Sequence  
 28 <220> FEATURE:  
 29 <223> OTHER INFORMATION: peptide derived from the sequence of Prostaglandin  
 30 F2-alpha Receptor  
 32 <400> SEQUENCE: 1  
 33 Ile Leu Gly His Arg Asp Tyr Lys  
 34 1 5  
 37 <210> SEQ ID NO: 2  
 38 <211> LENGTH: 8  
 39 <212> TYPE: PRT  
 40 <213> ORGANISM: Artificial Sequence  
 42 <220> FEATURE:  
 43 <223> OTHER INFORMATION: peptide derived from the sequence of Prostaglandin  
 44 F2-alpha Receptor  
 46 <400> SEQUENCE: 2  
 47 Trp Glu Asp Arg Phe Tyr Leu Leu  
 48 1 5  
 51 <210> SEQ ID NO: 3  
 52 <211> LENGTH: 8  
 53 <212> TYPE: PRT  
 54 <213> ORGANISM: Artificial Sequence  
 56 <220> FEATURE:  
 57 <223> OTHER INFORMATION: peptide derived from the sequence of Prostaglandin  
 58 F2-alpha Receptor  
 60 <400> SEQUENCE: 3  
 61 Tyr Gln Asp Arg Phe Tyr Leu Leu  
 62 1 5  
 65 <210> SEQ ID NO: 4  
 66 <211> LENGTH: 8  
 67 <212> TYPE: PRT

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**ENTERED**

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68 <213> ORGANISM: Artificial Sequence  
70 <220> FEATURE:  
71 <223> OTHER INFORMATION: peptide derived from the sequence of Prostaglandin  
72 F2-alpha Receptor  
74 <400> SEQUENCE: 4  
75 Ile Leu Ala His Arg Asp Tyr Lys  
76 1 5  
79 <210> SEQ ID NO: 5  
80 <211> LENGTH: 8  
81 <212> TYPE: PRT  
82 <213> ORGANISM: Artificial Sequence  
84 <220> FEATURE:  
85 <223> OTHER INFORMATION: peptide derived from the sequence of Prostaglandin  
86 F2-alpha Receptor  
88 <400> SEQUENCE: 5  
89 Ile Leu Gly Phe Arg Asp Tyr Lys  
90 1 5  
93 <210> SEQ ID NO: 6  
94 <211> LENGTH: 8  
95 <212> TYPE: PRT  
96 <213> ORGANISM: Artificial Sequence  
98 <220> FEATURE:  
99 <223> OTHER INFORMATION: peptide derived from the sequence of Prostaglandin  
100 F2-alpha Receptor  
102 <400> SEQUENCE: 6  
103 Ile Leu Gly His Lys Asp Tyr Lys  
104 1 5  
107 <210> SEQ ID NO: 7  
108 <211> LENGTH: 8  
109 <212> TYPE: PRT  
110 <213> ORGANISM: Artificial Sequence  
112 <220> FEATURE:  
113 <223> OTHER INFORMATION: peptide derived from the sequence of Prostaglandin  
114 F2-alpha Receptor  
116 <400> SEQUENCE: 7  
117 Ile Leu Gly His Arg Asn Tyr Lys  
118 1 5  
121 <210> SEQ ID NO: 8  
122 <211> LENGTH: 8  
123 <212> TYPE: PRT  
124 <213> ORGANISM: Artificial Sequence  
126 <220> FEATURE:  
127 <223> OTHER INFORMATION: peptide derived from the sequence of Prostaglandin  
128 F2-alpha Receptor  
130 <400> SEQUENCE: 8  
131 Ile Leu Gly His Gln Asp Tyr Lys  
132 1 5  
135 <210> SEQ ID NO: 9  
136 <211> LENGTH: 7

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137 <212> TYPE: PRT
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: peptide derived from the sequence of Prostaglandin
142     F2-alpha Receptor
144 <400> SEQUENCE: 9
145 Ile Leu Gly His Arg Asp Tyr
146 1      5
149 <210> SEQ ID NO: 10
150 <211> LENGTH: 8
151 <212> TYPE: PRT
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: peptide derived from the sequence of Prostaglandin
156     F2-alpha Receptor
158 <400> SEQUENCE: 10
159 Ile Leu Gly Trp Arg Asp Tyr Lys
160 1      5
163 <210> SEQ ID NO: 11
164 <211> LENGTH: 8
165 <212> TYPE: PRT
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: peptide derived from the sequence of Prostaglandin
170     F2-alpha Receptor
W--> 172 <221> NAME/KEY: SITE
173 <222> LOCATION: (4)...(4)
174 <223> OTHER INFORMATION: Xaa = cyclohexyl alanine
W--> 176 <400> 11
W--> 177 Ile Leu Gly Xaa Arg Asp Tyr Lys
178 1      5
181 <210> SEQ ID NO: 12
182 <211> LENGTH: 8
183 <212> TYPE: PRT
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: peptide derived from the sequence of Prostaglandin
188     F2-alpha Receptor
190 <400> SEQUENCE: 12
191 Ser Asn Val Leu Cys Ser Ile Phe
192 1      5
195 <210> SEQ ID NO: 13
196 <211> LENGTH: 9
197 <212> TYPE: PRT
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: peptide derived from the sequence of Urotensin
202     Receptor
204 <400> SEQUENCE: 13

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Input Set : A:\Seqlist.txt

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205 Leu Ala Met Arg Leu Val Arg Arg Gly
206 1 5
209 <210> SEQ ID NO: 14
210 <211> LENGTH: 9
211 <212> TYPE: PRT
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
215 <223> OTHER INFORMATION: peptide derived from the sequence of Urotensin
216 Receptor
218 <400> SEQUENCE: 14
219 Val Ile Arg Ala Thr Arg Pro Ala Leu
220 1 5
223 <210> SEQ ID NO: 15
224 <211> LENGTH: 9
225 <212> TYPE: PRT
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: peptide derived from the sequence of Glucagon
230 Receptor
232 <400> SEQUENCE: 15
233 Leu Val Ile Asp Gly Leu Leu Arg Thr
234 1 5
237 <210> SEQ ID NO: 16
238 <211> LENGTH: 8
239 <212> TYPE: PRT
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: peptide derived from the sequence of Glucagon
244 Receptor
246 <400> SEQUENCE: 16
247 Ala Ala Val Arg Cys Gly Ala Val
248 1 5
251 <210> SEQ ID NO: 17
252 <211> LENGTH: 8
253 <212> TYPE: PRT
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: peptide derived from the sequence of Glucagon
258 Receptor
260 <400> SEQUENCE: 17
261 Phe Val Thr Asp Glu His Ala Gln
262 1 5
265 <210> SEQ ID NO: 18
266 <211> LENGTH: 8
267 <212> TYPE: PRT
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
271 <223> OTHER INFORMATION: peptide derived from the sequence of R14 Orphan
272 Receptor (AAL86878)

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274 <400> SEQUENCE: 18
275 His Ile Ile Cys Ser Pro Leu Arg
276 1 5
279 <210> SEQ ID NO: 19
280 <211> LENGTH: 9
281 <212> TYPE: PRT
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: peptide derived from the sequence of R14 Orphan
286 Receptor (AAL86878)
288 <400> SEQUENCE: 19
289 Ile Phe Phe Asp Ser Thr Glu Cys Trp
290 1 5
293 <210> SEQ ID NO: 20
294 <211> LENGTH: 9
295 <212> TYPE: PRT
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: peptide derived from the sequence of Platelet
300 Activating Factor (PAF) Receptor
302 <400> SEQUENCE: 20
303 Leu Val Pro Val Ser Gly Lys Glu Tyr
304 1 5
307 <210> SEQ ID NO: 21
308 <211> LENGTH: 8
309 <212> TYPE: PRT
310 <213> ORGANISM: Artificial Sequence
312 <220> FEATURE:
313 <223> OTHER INFORMATION: peptide derived from the sequence of Platelet
314 Activating Factor (PAF) Receptor
317 <400> SEQUENCE: 21
318 Phe Leu Thr Tyr Arg Phe Glu Ser
319 1 5
322 <210> SEQ ID NO: 22
323 <211> LENGTH: 8
324 <212> TYPE: PRT
325 <213> ORGANISM: Artificial Sequence
327 <220> FEATURE:
328 <223> OTHER INFORMATION: peptide derived from the sequence of Platelet
329 Activating Factor (PAF) Receptor
331 <400> SEQUENCE: 22
332 Asn Gly Gln Asn Gln Tyr Tyr Val
333 1 5
336 <210> SEQ ID NO: 23
337 <211> LENGTH: 8
338 <212> TYPE: PRT
339 <213> ORGANISM: Artificial Sequence
341 <220> FEATURE:
342 <223> OTHER INFORMATION: peptide derived from the sequence of Platelet

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/678,413A

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Input Set : A:\Seqlist.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; Xaa Pos. 4 ✓  
Seq#:101; Xaa Pos. 4

## VERIFICATION SUMMARY

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Input Set : A:\Seqlist.txt

Output Set: N:\CRF4\07232004\J678413A.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:172 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:176 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11  
L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
L:1115 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1119 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:78  
L:1133 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1137 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:79  
L:1151 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1155 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:80  
L:1159 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:80  
L:1173 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1177 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:81  
L:1181 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:81  
L:1195 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1199 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:82  
L:1207 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:83  
L:1213 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1217 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:83  
L:1231 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1235 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:84  
L:1249 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1253 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:85  
L:1257 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:85  
L:1271 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1275 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:86  
L:1289 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1293 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:87  
L:1307 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1311 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:88  
L:1325 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1329 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:89  
L:1343 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1347 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:90  
L:1361 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1365 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:91  
L:1379 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1383 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:92  
L:1397 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1401 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:93  
L:1406 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:93  
L:1420 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1424 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:94  
L:1438 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1442 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:95  
L:1456 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1460 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:96  
L:1474 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!

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Input Set : A:\Seqlist.txt

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L:1478 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:97  
L:1492 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1498 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:98  
L:1502 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:98  
L:1516 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1521 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:99  
L:1525 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:99  
L:1539 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1543 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:100  
L:1557 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1561 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:101  
L:1565 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:101  
L:1566 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:0  
L:1579 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1583 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:102  
L:1597 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1601 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:103  
L:1615 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1619 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:104  
L:1633 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1637 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:105  
L:1651 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1655 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:106  
L:1670 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1674 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:107  
L:1689 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1693 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:108  
L:1707 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1711 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:109  
L:1725 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1729 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:110  
L:1743 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1747 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:111  
L:1761 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1765 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:112  
L:1779 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1783 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:113  
L:1798 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1802 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:114  
L:1817 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1821 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:115  
L:1836 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1840 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:116  
L:1855 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1859 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:117  
L:1874 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1878 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:118  
L:1893 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1897 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:119

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L:1912 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1916 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:120  
L:1931 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1935 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:121  
L:1950 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1954 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:122  
L:1969 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1973 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:123  
L:1988 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1992 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:124  
L:2007 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2011 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:125  
L:2026 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2030 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:126  
L:2045 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2049 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:127  
L:2064 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2068 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:128  
L:2082 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2086 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:129  
L:2100 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2104 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:130  
L:2118 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2122 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:131  
L:2136 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2140 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:132  
L:2154 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2158 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:133  
L:2172 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2176 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:134  
L:2190 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2194 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:135  
L:2208 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2212 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:136  
L:2226 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2230 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:137  
L:2244 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2248 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:138  
L:2262 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2266 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:139  
L:2280 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2284 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:140  
L:2298 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2302 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:141  
L:2316 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2320 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:142  
L:2334 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2338 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:143  
L:2352 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!

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L:2356 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:144  
L:2370 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2374 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:145  
L:2388 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2392 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:146  
L:2406 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2410 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:147  
L:2424 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2428 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:148  
L:2442 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2446 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:149  
L:2460 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2464 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:150  
L:2478 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2482 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:151  
L:2496 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2500 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:152  
L:2514 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2518 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:153  
L:2532 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2536 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:154  
L:2550 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2554 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:155  
L:2568 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2572 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:156  
L:2586 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2590 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:157  
L:2604 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2608 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:158  
L:2622 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2626 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:159  
L:2640 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2644 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:160  
L:2658 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2662 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:161  
L:2676 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2680 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:162  
L:2694 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2698 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:163